| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------------|
| S1 | 4 | ("5672263" "6355156").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 12:52 |
| S2 | 2 | "20020143492" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/11 12:51 |
| S3 | 1 | EP04256970 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 12:51 |
| S4 | 1730 | 205/640-659.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 13:39 |
| S5 | 310 | 205/640-659.ccls. and ((electrochemical electro-chemically electro-chemically) with machining) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 13:40 |
| S6 | 333 | 205/640-659.ccls. and ((electrochemical electro-chemically electro-chemically) with (machin\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/11 13:40 |
| S7 | 3 | 205/640-659.ccls. and ((electrochemical electro-chemically electro-chemically) with (machin\$3)) and (ultrasonic near sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 13:42 |
| S8 | 33 | 205/640-659.ccls. and ((electrochemical electro-chemically electro-chemically) with (machin\$3)) and (sensor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | .OR | ON | 2006/07/11 13:42 |

| S9 | 72 | 205/640-659.ccls. and ((electrochemical electrochemically electro-chemically) with (machin\$3)) and (sensor sense) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 13:52 |
|-----|----|---|---|------|----|------------------|
| S10 | 4 | 205/640-659.ccls. and ((electrochemical electro-chemically electro-chemically) with (machin\$3)) and ((sensor sense detect) with wave) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | .OR | ON | 2006/07/11 14:03 |
| S11 | 92 | 205/640-659.ccls. and ((electrochemical electrochemically electro-chemically) with (machin\$3)) and ((sensor sense detect)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 14:12 |
| S12 | 20 | 205/640-659.ccls. and ((electrochemical electro-chemically electro-chemically) with (machin\$3)) and (((sensor sense detect)) same (gap distance) same (measur\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/11 17:05 |
| S13 | 0 | (electrode) same (bubble) same (escape) same (delay) same (time second) same (measure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:06 |
| S14 | 28 | (electrode) same (bubble) same (escape) same (time second) same (measure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | .OR | ON | 2006/07/11 17:07 |
| S15 | 41 | (electrode) same (bubble) same (escape leave) same (time second) same (measure) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:08 |
| S16 | 1 | (electrode cathode) same (bubble) same (escape leave remove) same (time second delay wait) same (measure near2 distance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/11 17:09 |

| S17 | 0 | (electrode cathode) same (bubble near2 surface) same (escape leave remove) same (time second delay wait) same (measure near2 distance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:09 |
|-----|-------|--|---|----|----|------------------|
| S18 | 0 | (electrode cathode) same (bubble near2 surface) same (measure near2 distance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:10 |
| S19 | 4 | (bubble near2 surface) same (measure near2 distance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:10 |
| S20 | 15167 | (bubble near2 surface) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:10 |
| S21 | 1117 | (bubble near2 surface) same (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:16 |
| S22 | 3 | (bubble near2 surface) same (electrode cathode) same ((time second) near2 (escape remove leave)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:12 |
| S23 | 43 | (bubble near2 surface) same (electrode cathode) same (leave) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:13 |
| S24 | 61 | (bubble near2 (surface cathode)) same (electrode cathode) same (leave) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:14 |

| S25 | 25 | (bubble near2 (surface cathode)) same (electrode cathode) and (bubble near2 leave) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:14 |
|-----|------|--|---|------|----|------------------|
| S26 | 1474 | (bubble near2 (surface cathode)) same (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:17 |
| S27 | 1071 | (bubble near2 (surface cathode)) same (electrode cathode) and time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:17 |
| S28 | 27 | (bubble near2 (surface cathode)) same (electrode cathode) and (time near2 (leave remove clear free disperse move)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ·OR | ON | 2006/07/11 17:27 |
| S29 | 971 | ((bubble near2 (surface cathode)) with time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:27 |
| S30 | 268 | ((bubble near2 (surface cathode)) with time) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/11 17:27 |
| S31 | 9 | ((bubble near2 (surface cathode)) with time with (remove leave free clear)) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:29 |
| S32 | 268 | ((bubble near2 (surface cathode)) with time) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:31 |

| S33 | 0 | ((bubble near2 (surface cathode)) with (time near wait)) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:31 |
|-----|-----|--|---|------|----|------------------|
| S34 | 0 | ((bubble near2 (surface cathode)) with (time near2 wait)) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:32 |
| S35 | 0 | ((bubble near2 (surface cathode)) with (time near2 much)) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:34 |
| S36 | 425 | ((bubble near2 (surface cathode)) with (time s sec second)) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:34 |
| S37 | 442 | ((bubble near2 (surface cathode)) with (time s sec second ms)) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/11 17:47 |
| S38 | 29 | ((bubble near2 (surface cathode)) with (ms)) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 17:34 |
| S39 | 155 | time with leave with bubble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:05 |
| S40 | 248 | time with (leave disperse) with bubble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:06 |

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| S41 | 1 | time with (leave disperse) with (bubble near (surface substrate cathode wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:08 |
| S42 | 62320 | (electrode cathode) and ((reduce (turn adj off) decrease lessen less reduced (turned adj off) decreased) near voltage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:10 |
| S43 | 2194 | (electrode cathode) and ((lower reduce (turn adj off) decrease lessen less reduced (turned adj off) decreased) near voltage) and bubble and time and (leave free elute clear (no adj longer) coalesce) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:12 |
| S44 | 91 | (electrode cathode) and ((lower reduce (turn adj off) decrease lessen less reduced (turned adj off) decreased) near voltage) and (bubble near2 (leave free elute clear (no adj longer) coalesce)) and time | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:18 |
| S45 | 0 | (bubble adj at adj cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:18 |
| S46 | 117 | (bubble adj cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:20 |
| S47 | 0 | (bubble adj cathode) near disappear | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | .OR | ON | 2006/07/11 18:21 |
| S48 | 0 | (bubble adj cathode) near2 disappear | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:21 |

| S49 | 0 | (bubble adj cathode) near2 leave | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:21 |
|-----|--------|---|---|------|----|------------------|
| S50 | 18468 | (bubble near2 (cathode electrode substrate surface wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:24 |
| S51 | 0 | (bubble near2 (cathode electrode substrate surface wafer)) and (bubble-free near after near time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:26 |
| S52 | 0 | (bubble near2 (cathode electrode substrate surface wafer)) and (bubble-free near2 after near2 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:26 |
| S53 | 29 | (bubble near2 (cathode electrode substrate surface wafer)) and (bubble near2 after near2 time) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 09:20 |
| S54 | 16 | bubble near remove near2 ((fluid solution electrolyte) near flow) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/11 18:31 |
| S55 | 18 | bubble near remove near2 ((fluid solution electrolyte) near2 (flow movement)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/11 18:31 |
| S56 | 204597 | (bubble and (cathode electrode substrate surface wafer)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 09:23 |

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| S57 | 17 | (bubble and (cathode electrode substrate surface wafer)) and((escape leave remove) same (time second delay wait) same (measure near2 distance)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | .OR | ON | 2006/07/12 09:24 |
| S58 | 17 | (bubble and (cathode electrode substrate surface wafer)) and ((escape leave remove) same (time second delay wait) same (measure near2 distance)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 09:25 |
| S59 | 8104 | (bubble near remov\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 09:25 |
| S60 | 240 | (bubble near remov\$2) near3 (time second) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 09:26 |
| S61 | 68 | (bubble near remov\$2) near3 (time second) and (electrode cathode) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 09:43 |
| S62 | 7 | (electrode cathode surface wafer semiconductor plate) near3 (bubble near remov\$2) near3 (time second) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR . | ON | 2006/07/12 09:48 |
| S63 | 565 | (electrode cathode surface wafer semiconductor plate) near3 (bubble near remov\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 09:59 |
| S64 | 12 | (electrode cathode surface wafer semiconductor plate) near3 (bubble near remov\$2) and (puls\$3 near (voltage plat\$3 waveform electrode current polish\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 10:00 |

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| S65 | 270 | BATZINGER-THOMAS.in. LI-WEI. in. "LAMPHERE-MICHAEL.in. " "ROGENSKI-THOMAS.in. " "WEI-BIN.in. " "LESTER-CARL.in. " FILKINS-ROBERT.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 12:53 |
| S66 | 354 | BATZINGER-THOMAS.in. LI-WEI. in. LAMPHERE-MICHAEL.in. ROGENSKI-THOMAS.in. WEI-BIN. in. LESTER-CARL.in. FILKINS-ROBERT.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 12:53 |
| S67 | 6 | S66 and bubble | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 15:19 |
| S68 | 10656 | (("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 15:21 |
| S69 | 1082 | ((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors")) and electrode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 15:21 |
| S70 | 275 | ((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors")) and electrode and gap | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 15:22 |
| S71 | 9 | ((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors")) and electrode and gap and ("204" "205").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/07/12 15:26 |
| S72 | 5 | ((("ultrasonic sensor") near2 ("at least two" "at least two or more" "two or more")) ("ultrasonic sensors")) and electrode\$1 and gap and ("204" "205").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/12 15:26 |